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CLAIMPTO

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WNP

1. (Previously presented) An isolated *P. aeruginosa* protein having a molecular weight of about 60 kDa to about 65 kDa and an N-terminal sequence comprising the amino acid sequence of:

Xaa Glu Glu Lys Thr Pro Leu Thr Thr Ala Ala Xaa Ala Pro Val Val Xaa Asn Ala (SEQ ID NO:2),

wherein Xaa is an unknown amino acid.

7. (Previously presented) A composition comprising the protein of claim 1.

21. (Previously presented) The composition of claim 7, wherein said composition elicits an immune response in a subject when administered to said subject.

24. (Previously presented) The composition of claim 7, wherein said composition further comprises a pharmaceutically acceptable carrier.

26. (Previously presented) The composition of claim 7, wherein said composition further comprises an adjuvant.

18. (Previously presented) A kit for use in detecting *P. aeruginosa* or diagnosing *P. aeruginosa* infection, wherein said kit comprises the protein of claim 1.

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20. (Previously presented) A kit for use in detecting *P. aeruginosa* or diagnosing *P. aeruginosa* infection, wherein said kit comprises the composition of claim 7.

37. (Previously presented) An isolated antigenic fragment of a *P. aeruginosa* protein wherein said antigenic fragment comprises at its N-terminus, the amino acid sequence: Xaa Glu Glu Lys Thr Pro Leu Thr Thr Ala Ala Xaa Ala Pro Val Val Xaa Asn Ala (SEQ ID NO:2), wherein Xaa is an unknown amino acid, and wherein said protein has a molecular weight of about 60 kDa to about 65 kDa.

38. (New) A composition comprising the antigenic fragment of claim 37.

39. (New) The composition of claim 38, wherein said composition elicits an immune response in a subject when administered to said subject.

40. (New) The composition of claim 38, wherein said composition further comprises a pharmaceutically acceptable carrier.

41. (New) The composition of claim 38, wherein said composition further comprises an adjuvant.

42. (New) A kit for use in detecting *P. aeruginosa* or diagnosing *P. aeruginosa* infection, wherein said kit comprises the antigenic fragment of claim 37.

43. (New) A kit for use in detecting *P. aeruginosa* or diagnosing *P. aeruginosa* infection, wherein said kit comprises the composition of claim 38.